started at: 12:21 AM, *finished* xxxx on 96.08.12/13

A Word about Xanadu

Xanadu has always been a specific kind of document format made out of specific kinds of data with specific kinds of interconnection, in order to allow specific kinds of networking, sale and re-use and intercomparison in electronic publishing.

Specifically, media objects may be bought and sold by anyone, and quoted in new documents sold by anyone else.

The new Xanadu is the same idea, decentralized.

We are here proposing the sale and re-use model for any documents and media objects people wish to sell-- through transclusion.

Xanadu Services on the Net-- UPDOC BUSINESS PLAN

This company is intended to create the network service software for the new Xanadu. Thus the software will be licensed to Project Xanadu for operation and later sale under the Xanadu name. This obviously leaves certain questions.

The plan is to create a series of programs for Internet publishing, first offer them as centralized services, and then distribute them as licensed or franchised services.

While we will begin as an operations company, the mature company will be a software company not offering services, like Netscape.

An allied company must be a Bank-- a genuine bank which will be an integral part of the initial services. However, for generality of service it will probably be important to open later operations to other banks as well, relinquishing a monopoly hold on the bank in order to maintain preeminence in micropayment software.

CUSTOMERS

We are positioning ourselves at the center of the selling of documents by the piece or small portion.

Our customers will be those who wish to make retail Internet sales of text, artwork, photographs text, audio and video, either with transcopyright permission or without it.

Our customers will also be those who wish to buy them. In other words, we intend to supply both sides of an as-yet-undefined market.

PHASE I: PREPARE MICROPAYMENT, BUY THE BANK.
(BUY THE BANK.)
I suggest an offshore bank where you get to make the rules.
"First Hyperbank" is an obvious possible name.
R&D
PHASE 1 MARKETING
Phase 1 PROMOTION
Transcopyright Institute
People being Set Up Free
Play money
Author's Guild
Small producers
Small publishers
Phase 1 ADVERTISING

Phase 1 SALES

PHASE II
Phase 2 R&D
COMMITTED PUBLISHING & LOOKUP
Phase 2 MARKETING
Phase 2 PROMOTION
Transcopyright Institute
Phase 2 ADVERTISING

Phase 2 SALES

PHASE III

- - - - - - - - - - - - -
So we need--

R&D
QA
Operations

and then
DISTRIBUTION.

- -
MARKET GOALS.
Because of the uniquely small value of our service, we are in the position of needing MANY CUSTOMERS to be a success.

100,000 customers spending $1 a week => $52 a year X 100,000
=> $5,200,000 x 10% => $520,000 revenue.

BANK'S USE OF THE FLOAT SHOULD BE MUCH MORE SUBSTANTIAL.

Average deposit $10, average life of deposit 1 month => $5/customer permafloat.
100,000 customers X 5 => $500,000 permafloat.

Xanadu Services on the Net-- UPDOC TECHNICAL PLAN

The plan is to create a series of programs for Internet publishing, first offer

Digitized by the Internet Archive
in 2025

https://archive.org/details/wordaboutxanadu00tedn

them as centralized services, and then distribute them as licensed or franchised services.

These programs consist of a number of packages which must be programmed, deployed, maintained, sold, and maintained in the field.

REQUIRES--
subparagraph
subsub
subsubsub

HOzone
words words words words words words words words words words '"

para. templates ----------

w

x

y

z

HO d2 ----------

0. THE BANK-- a real blank.

1. MICROPAYMENT BY ITSELF.
Server script for Flector
Server script for Primary Publishers

2. MICROPAYMENT WITH

HO d4 ----------

A lynchpin of the company is

HO d5 ----------

The objective is to begin as an operations company, then follow an exit plan into a position as a software company licensing software.
A key question is to be the relation of this company to Project Xanadu, which would like to license these services for offering under the Xanaadu name.

HO d6 ----------

EARLY MARKETING

started at: 11:44 AM, *finished* 12:06 PM on 96.08.16

Viewpoint Rundown

It is extremely difficult for me to communicate with most computer people because there is almost no common ground whatever.

I have been designing computer software for over thirty-five years, but because of my extreme disagreement with the rest of the field I have been able to get nothing implemented until now. Finally that is changing.

We shall see who has understood "interfaces." We shall see who has understood "media." I expect total vindication; presumably, however, after I am dead.

THE COMPUTER REVOLUTION BETRAYED: Where the Macintosh went wrong, and everything since

The PARC Myth

THE CRIME OF WIZZYWIG

THE FOLLY OF METAPHORS

THE EVIL OF WORD PROCESSING

THE LIES OF COMPUTER BASICS

WORDS 1: MISNOMERS LEFT AND RIGHT

WORDS 2: THE HUMPTY DUMPTY RULE

THEIR USER

Their user is a careful, methodical individual who starts work at a certain time, lays out all the materials carefully, thinks things through in advance, calmly completes the work and calmly shuts down at the end.

Their user is prepared to do things in "the right order."

Their user has time to read the manual.

Their user respects and believes in the wonderful software they have created.

Any user who is not like this is punished in a variety of ways.

MY USER

My user is impatient, harried and frantic.

My user is absent-minded.

My user does not remember "the right order" to do things.

My user is resentful of the jerks who have designed this stupid software.

My user does not finish one thing before starting another. Things get started and finished on a constantly overlapping basis.

THEIR IDEA OF WHAT THE USER IS DOING

MY IDEA OF WHAT THE USER IS DOING

THEIR IDEA OF A USER SESSION

MY IDEA OF A USER SESSION

User arrives with an inspiration which must be written down and pursued at once.

User arrives running through the door. (The car engine may still be going outside.)

User rushes to keyboard. If chair is full of papers user may not sit down, but start typing standing up.

No time to boot up or name a file. (The name would have to change constantly anyway.)

Each thing the user starts writing down is interrupted by a new inspiration. This new inspiration starts a new item or file.

The number of windows simultaneously open may exceed fifty.

After three or four hours the inspirational session may begin to wind down. Items may start to get completed and closed.

OR, after fifteen minutes the user must run out the door and leap into the still-running car to race for some meeting or airplane. There may be no time for printing out or shutting down.

THEIR IDEA OF FILES

Their idea of files is that each file is well defined, representing a clearly distinct project. When that project is finished, the file will be archived. If it feeds into other project, there is no need to keep track of the connections.

MY IDEA OF FILES

All work is interconnected. Projects are fluid, changing their fundamental ideas, names and intent; combining and separating, flowing into one another, combining and separating, re-combining and re-separating.

Some projects may never be finished; pragmatically, we must assume that all projects are ongoing forever, since the user may return to any state of a project, and rework it with material from other states of other projects.

Not only the current state of "a project," but every state of the entire conglomerate of work, and the movements of material within this conglomerate, must be tracked, re-enactable and alive for new work.

Categories and hierarchies are totally fluid. Therefore the user must

be able to create many arbitrary overviews of the work, cloudlike and swirling and overlapping "browsers" that represent his present and previous ideas.

"INTERFACES," one of the great religious issues

FONT SUGAR
PAPER SIMULATION
THE CLIPBOARD, AND THE CROWNING MISNOMERS

WRITING VS. WORD PROCESSING (a sticky of 15 Aug)

Capote once said of Kerouac: "That's not writing, that's typing."

That about sums up the preposterous activity and concerns of "word processing" and "desktop publishing."

These toys are so involving and compelling, and so present, that people's feelings about what they are NOT are kept as vague longings for "new features," rather than the fundamental realization that this is not what they should be doing at all.

HOzone
words words words words words words words words words words '''

para. templates ----------

w
x
y
z

HO d2 ----------

your user
my user

your idea of what user is doing
my idea of what user is doing
your idea of a user session
my idea of a user session
your idea of files
my idea of files

Implementation Strategies for Transclusive Text Systems

Transparallel

Theodor Holm Nelson, Sapporo HyperLab
Kiyoki Ookubo, Sapporo HyperLab

A type of text manager was proposed in 1965 (1) that was fundamentally different from what came later, but evidently no one has noticed. "Word processing," the trivial default method, was "invented" several years later,* */*ftnt: Word processing trivializes the work of Douglas Engelbart, as well as my own.//////// and has since come to seem basic to people.

Unfortunately, "word processing" only gives you the ability to transit, irreversibly, from one version to another, leaving you with a snapshot of the document at one instant; but no facilities show the origins of materials, aid in planning, or track the redistribution of materials among projects. The deeper, and we believe fundamental, issue, is tracking and managing changes among many connected media objects-- text being only one type-- over periods of months or years.

The 1965 proposal (1) was for a system that did not only word processing and outlining, but allowed tracking the re-use of materials, for such purposes as version management, personal list management, and quotation in on-line documents. */* footnote: "A File Structure for the Complex, the Changing and the Indeterminate," Proceedings of the Association for Computing Machinery 20th National Conference, 1965, ////////

Tpl systems allow you to see multiple connections

The system was this: individual paragraphs or "items," would be handled as separate cells, or items. They would be shown in columns, called "zipper lists," ~~because~~ so cell they could be (in a sense) zippered together. Each cell could be connected by either a link or a transclusion* */*footnote: The word did not exist at

pairs of link

sideways

DISCRETE

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that time, but the concept was clear in the paper.///////// to at most one cell in any other column at one time. In other words, a given cell could output to as many columns as existed, but only once per column.

This simple model was thought to be clarifying, partly because it could be shown clearly on the screen, and by narrowing the view to only two columns, the number of connections was guaranteed to be no more than the number of items on the sparser of the two columns.

Project Xanadu continued to upgrade from that design, and for various reasons we have not yet completed a package, having continually upgraded the design as a moving target. This paper will also discuss some of the designs that Project Xanadu has moved through, as a reference history.

Here are the details of the 1965 model, which we have currently implemented.*/*ftnt: The programming is by Ookubo.////////

Links ----------

Most people think they understand the concept of the link; yet a number of very different kinds of link are being used in the world.

We are agreed on one thing: that a link is a connection of some sort between portions of media.

A link in HyperCard is between a zone on a card and a whole different card. A link in Director is typically from a visible zone to an animation sequence. A link in World Wide Web (pre-Mosaic) was from a portion of text to a file somewhere on the Internet, or to a point in a file ("link anchor"). A link in World Wide Web (Mosaic version) was from a portion of text, or a portion of a GIF graphic, to a file, a link anchor, or some presentation by "helper" applications in audio, video, or other presentational medium, or the running of some program ("CGI interface"). A link in World Wide Web (Netscape Navigator 2.0 Gold version) can be to any of those, or to Applets and Plug-Ins by Netscape's cooperating developers.

But in all of these cases, the link itself is not seen, it is merely understood as an imaginary line between the point of departure and the (larger) place of arrival. We may think of such links as diving boards into darkness, for users may have no idea of where they are going.

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items which were both visible at the same time.

In the 1965 model, however, the links could be explicitly seen, as a connections between item cells in two different contexts. (Links were untyped, or "vanilla", assumed to have a meaning which was clear by context (or they could be labelled as to type with yet another zippered list). These links were not "navigation" links, in that the user could see the contents at both ends of a link at the same time, so users had noplace to navigate to: they would already be there.

Also, people often say "navigation link," referring to these

typed links in later models

Transclusions ----------

Re-use of materials, both for version management and other uses...

Transclusion: the same materials may be seen side by side in different contexts [from xtech.sum.d2]

The problem is this.

How can the same material be recognizably used in different contexts?

Important properties.

A LINK TO A SPECIFIC PLACE IN TRANSCLUDED MATERIAL IS A LINK TO THE SAME PLACE IN ALL EXAMPLES OF THE TRANSCLUDED MATERIAL.

•You can always see to the original from an instance, intercomparing the two contexts. (Whether you can see to other instances will vary.)

/ **Footnote:** It can be argued that the fundamental functions of transclusive structures have been approximated by a number of different structures: instancing; "publish" and "subscribe" on the Macintosh; OLE on the PC (what is transclusion except "object embedding and linking"?); soft links on Unix; general instancing; and, indeed, it is in principle designed into the specification for OpenDoc, generally considered a major new standard. We believe that transclusion, however implemented, is the canonical concept. ----------

Stating the problem technically,

How may we embed instances of material in a variety of new contexts, see those materials and contexts side by side, and rework them?

tnl.imp.strats.d8
page 3
05.03.04

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How may we embed instances of material in a variety of new contexts, see those materials and contexts side by side, and rework them?

LOCAL HO ----------

Explaining this and finding the right terminology for this different paradigm has always been difficult. "Hypertext," "hypermedia," "transclusion," "transparallel presentation" have only been some of the terms we have tried in order to make these concepts clear.

This connective paradigm is sharply different from that of others in the field, except for those in Project Xanadu. While many have typed links, and would probably be able to handle transparallel presentation of various kinds, transclusion as the complement to linkage appears so far to have been the exclusive province of Project Xanadu.

The designs of Project Xanadu never stood still; we went in continual pursuit of successively more sophisticated designs (LM, Xuspace92), and did not complete anything.

USES -----

MANY USES
Checklists
Marginal notes
Rearranged subsets
  Rearranged parallel subsets
  Outlines
  Edited tape recordings
  Edited text
  Personal list management

COMBINATORICS
  The combinatorics are very daunting.

There are a number of possible methods. Here are the ones we have tried over the years. There are undoubtedly many others.

The two sides of the problem, link and transclusion, are likely to be implemented differently ...

1. THE METHOD WE USED. (No overlap)
   Items with serial numbers
   Lists of the items
   A program to scan for similarity (employing a fast hash table of item numbers)
   Combinatorics can get bad, but their increase is kept in check by other limits of the system

2. DISCRETE LINKS AMONG ELEMENTS ("trouser links")
   Paradoxically, the method proposed in the Xanadu project is not very complex

   See LM ...

   The idea is to represent connections as arbitrary lists between two sides
   These may be edited, and the link remains in place
   Butterfly implementation.
   THIS HAS THE PROBLEM OF LARGE-SCALE COMBINATORIAL MURDER.

3. MULTICOUPLERS. (pic)
   A single data structure between two versions
   This has the problem that it

   Problems of combinatorial explosion between versions, leading to N! multicouplers. (Cf. language translations, a work in each language being translated to each other language.) But if you related them all to one particular version (such as the input stream), it would be easier. You then need one multicoupler entity per other version, and all couplings are via the input system. stream.

   Permute the pieces of the multicoupler as you permute the version.

4. STREAM-POINT INDEXING WITH OFFSETS
   1967 system

5. CONVENTIONAL RELATIONAL DATABASE could of course be used, representing the portions being transcluded.

6. MULTI-STREAM POINT INDEXING

Datapoint system (cite Computer Lib)

DAUNTING FACTORS
Overlap is still a daunting factor. (pic)

COMBINATORIAL PROBLEMS
CHECKING LINKS
CHECKING TRANSCLUSIONS
(TRANSVISIBILITY IS A MAIN COMBINATORIAL PROBLEM)
So is finding all the re-uses, especially if there are many.

WE HAVE NOT CONSIDERED HERE such further complications as:
Published versus private materials
Transvisibility

APPENDIX. ----------
Documentation of our Tcl code.
How to use the Tcl code through shell scripts
How to modif the Tcl code,
•acquiring items by other means
•other forms of output

LISTING OF ITEMS

AN ITEM IS (I'm not sure which):
1. A POINTER INTO AN EXISTING STREAM OF MATERIAL, DESIGNATING A PORTION OF IT

2. A SEPARATELY-STORED PIECE OF TEXT

THE OPERATIONS ----------
•INPUT AN ITEM.
•DIVIDE AN EXISTING CORPUS OF TEXT INTO PARAGRAPH ITEMS.
•CREATE A ZIP (a list of items)
•REARRANGE A ZIP (new sequence of same items)
•INSERT ITEM on a zip

•DELETE ITEM from a zip
•TRANSCLUDE ITEM from another zip
•HIDE ZIP (you don't want to see it any more)
•(HIDE ITEM is unnecessary)

MISSING IN THIS IMPLEMENTATION ----------
•SHOW CONNECTION OF ITEM TO OFF-SCREEN ZIPS

THE TCL CODE (and how to use it/modify it) ----------

MODULES
•add item
•transclusion check

HOW TO ADD INPUT FUNCTIONS

HOW TO ADD DISPLAY FUNCTIONS

HOzone
words words words words words words words words words words '"

para. templates ----------

v
w
x
y
z

HO d3 ----------

"Word processing," the TRIVIAL default method, was "invented" several years later, and has since come to seem basic to people.
[whatnot] on the PC

HO d4 ----------

Introducing a new word--
Transcrostic

We introduce here the term "transcrostic"--
SAME PORTION VISIBLE IN MORE THAN ONE PLACE ON THE SCREEN, especially parallel columns.

/ **Footnote:** The term "acrostic" is actually not from the English word "across," but from the Greek "acro-", meaning "top" or "apex"-- an acrostic is an arrangement of words in which a row or column spells something else. However, I will take this notion of the emergent row or column as a point of interest, and the gratuitous connotation of "across," which is at any rate free. ----------

HO d6 ----------

However, one of us has persisted on this
Combinatorics can get bad, but their increase is kept in check by the fact that there is only a discrete number of items

HO d8 ----------

A fundamentally different type of text manager was proposed in 1965

HO d9 ----------
HO d10 ----------
HO d11 ----------
HO d12 ----------
HO d13 ----------

[further reconstituted after electrical outage, not printed out]

Dear Bek:

We seem to have a number of problems here.

1) Confrontation,

2) Heavy insults,

3) Traditional insulting comments about me, which you have evidently gotten from my reputation, which must once more be dealt with;

4) Technical issues. I will deal with these last.

I would like to make clear that the position of Prima Donna on this project is not available. That role is already taken. The question is whether you can be satisfied with those roles that are available.

I was evidently speaking in unfamiliar code. "Religious issue" is a polite way of saying BACK OFF!

Perhaps these matters can be discussed in other, more convivial times.

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Ariel Bart

Dear Bek:

Bart -- cool

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Perhaps these matters can be discussed at other, more convivial times.

cpdm d1
980826
=======

STUPID THINGS WE TAKE FOR GRANTED
TERRIB.DESIGNS
- cars
- refrigerators
- cameras, tape recorders
- telephones
WHY NOT ALL ONE?

TODAY'S IDIOTIC COMPUTERS
The Mercedes one-liner
Woodpecker Line
THE YORKTOWN

LIES OF COMPUTER BASICS
Customary constructs
- WP
- SSH
- DB
- Outliners
IRRELEVANT STRUX
FILES
- Hierarchical files
- Big lumps with fixed names in fixed places
At the user level
- One project at a time
- Projects not connected

=== "INTERFACES"
For FUNX ALREADY DEFINED
Prob is CONCEP.STRUX
Hypercam example
- HOW DO YOU ORGANIZE IT?
- Easy conceptually when they were separate
- Unif.EASIER STRUCTURALLY

=== IT'S ALL CONSTRUCTS
Plausible superficially
- Like the refrigerator
Assumps piled higher and higher to asininity
- Like the refrigerator

=== DID GOD INVENT COMPUTERS?
Probably not.
Does God USE computers in their present form?
Probably not.
Therefore WE HAVE NO DIVINE OBLIGATION TO ACCEPT THE WAY THINGS AR
E.

==ASININE COMPUTER WORLD
'APPLICATIONS-
- they're in control
- HUGE with crap
-- Mortgage analyzer, World Map
- INST.CONFLICTS
- THEY own your data
- Compulsory upgrades
- crashville
- MERCEDES LINE
- "Microsoft is not the problem, Microsoft is the symptom." -- Er
ic Raymond

HELLS
Installation Hell
Upgrade Hell
Desktop Hell
File Hell
Backup Hell
- (Really FILE hell)

= GEEK PRISON
- WP (geek notion of writing)
-- need v.mgt
- MIDI (geek notion of music)
- PAPER SIM
-- dumbdown
-- one thing at a time

= THE WEB
More than all religions
Really a dumb design
Hamburger
Min. concession to HT
XML a higher-level abomination

= PROPER COMP WORLD - Unix
Do thousands of things at once
Unlimited power

= TODAY'S COMPUTER
- Dumbdown
- Applications

= "Metaphors"

== ASSUMPS
User arrives running
NEAR-ZERO LEARNING TIME
- Cf. Pac-Man

ALL AT ONCE

- no separate projects
- changes & items all dated
Cross-viewable by
- time
- collection (project)

= C.REL
NOT OBJECTIVE!
Vehement, fanatical

"On Top of Mine"
"Pray with me"
ONE-ON-ONE CONVERSION

= EXPANDING FLOOD

= FOUR PARADIGMS
Hier.Files (1947?)
AI (1949?)
Intertwing.1960
"Desktop"PUI' 1974

= C. WORLD IS WHERE THE IDEAS ARE
THE IDEAS ARE THERE
Little Alternative
- New Age
- Jungian Oogabooga
- Gangsta Rap
- Letterman
Darwin, 19th C.
RICH ANALYTICAL PATHS OF COMPUTERDOM
- N.networks
- Alife
- GEN.ALGORITHMS
BIOLOGY now a part
- DNA
- Hist.of Ev
- Sociobiology

= WE NEED
Cross-linkability
- side by side
FILE MGT
Cross-viewability
- side by side
OVERVIEW
ANNOTATION
RE-USE

GATES
HE'S DONE A GOOD JOB!
Only CEO who knows what's going on

- to one decimal place
Like Alexander
- Ruthless
- Decent to his friends
- Just to the conquered
- HAS TO KEEP CONQUERING JUST TO PAY HIS ARMY
His wealth is STOCK
- Must grow geometrically to hold value
- When that stops, Woof

WHAT WE NEED
ITEMS
LISTS
DOXX
MEDIA MGT

To: ted
From: Ted Nelson <ted@xanadu.net>
Subject:)glist inv.d5) FINAL? draft of invitation
Cc:
Bcc:
Attached:

To:
Subject: GENERALIST PARTY FOR ROY STRINGER, 3 Jan 1999

(We're very sorry for this late invitation, but we weren't sure this could come together.)

We would like to invite you to an unusual kind of party on Sunday the 3d of January. It is for generalists (and those close to generalists, or who might like to be close to generalists). And it's IN HONOR OF ROY STRINGER, our special friend, one of the world's greatest designers of interactive software, and one of the most high-voltage generalists on the planet.

Kathleen Diohep and Roger Gregory are kindly letting us use their home in the Presidio. (Map at XXXXXXXXXXX)

Time: 6pm to whenever; very informal dining at 7. We'll have stuff, but you might bring food or beverage to serve, say, half a dozen.

Mainly the purpose is to meet each other and chat severally about diverse and entangled subjects from diverse and entangled points of view. It will be appropriate to bring handouts, business cards, etc.

If you want to give some kind of demo, please keep it short (under 10 minutes). Roy will assuredly have stuff to show, and gets lots of extra time; but Ted will take only 10 minutes for his new ZigZag software, which does not fit well in any existing category. Whiteboard and VGA projector may be available.

Merry Christmas, Happy New Year, and we hope you can come.

Ted Nelson and Marlene Mallicoat
----> Note: Please don't pass this on freely, since the numbers are fairly high, but let us know if there's someone you'd like to invite--generalist or (for example) female who might like to *meet* generalists.

To: tad
From: Ted Nelson <tedg@xanadu.net>
Subject: [pilot inv.dbf] FINALY draft of invitation
Cc:
Bcc:
Attached:

To:
Subject: OFFICIALLY PARTY FOR ROY STANDER, 3 Jan 1999

(We're very sorry for this late invitation, but we weren't sure this could come together.)

We would like to invite you to an unusual kind of party on Sunday the 3d of January. It is for generalists (and those close to generalists, or who might like to be close to generalists).
(And it's IN HONOR OF ROY STANDER, our special friend, one of the world's greatest designers of interactive software, and one of the most high-voltage generalists on the planet.

Kathleen Bishop and Roger Gregory are kindly letting us use their home in the Presidio. (Map at XXXXXXXXXX)

Time: Open to whenever; very informal dining at 7. We'll have stuff, but you might bring food or beverage to serve, say, half a dozen.

Mainly the purpose is to meet each other and chat sociably about diverse and entangled subjects from diverse and entangled points of view. It will be appropriate to bring handouts, business cards, etc.

If you want to give some kind of demo, please keep it short (under 10 minutes). Roy will essentially have said to show, and gets lots of extra time; but Ted will take only 10 minutes for his new digital software, which does not fit well in any existing category. Whiteboard and VGA projector may be available.

Merry Christmas, Happy New Year, and we hope you can come.

Ted Nelson and Marlene Mallicoat
---> Note: Please don't pass this on freely, since the numbers are fairly high, but let us know if there's someone you'd like to invite--generalist or (for example) female who might like to "meet" gone-about.

To: ted
From: Ted Nelson <ted@xanadu.net>
Subject:)glist inv.d4) GENERALIST PARTY FOR ROY STRINGER, 3 Jan 1999
Cc:
Bcc:
Attached:

To:
Subject: GENERALIST PARTY FOR ROY STRINGER, 3 Jan 1999

Very sorry for this late invitation, but we weren't sure this could come together.

We would like to invite you to a new kind of gathering on Sunday the 3d of January. It is for generalists (and those close to generalists, or who might like to be close to generalists).

IN HONOR OF ROY STRINGER, our special friend and one of the world's greatest designers of interactive software.

Kathleen Diohep and Roger Gregory are kindly letting us use their home in the Presidio. (Map at XXXXXXXXXXX)

Time: 6pm to whenever; very informal dining at 7. You might bring food or beverage for say, half a dozen.
Where: in the Presidio, home of Roger Gregory and Kathleen Diohep. (Map enclosed.)

Mainly the purpose is to meet each other and chat severally about diverse and entangled subjects from diverse and entangled points of view. But there will be a chance for presentations and demos for whoever wants to present. (For instance, Ted will be demonstrating his new ZigZag software, which does not fit well in any existing category.)

If you like, bring show-and-tell (not over ten minutes), handouts, business cards, etc.

Whiteboard and VGA projector may be available.

Merry Christmas, Happy New Year, and we hope you can come.

Ted Nelson and Marlene Mallicoat
----> Note: Please don't pass this on freely, since the numbers are fairly high, but let us know if there's someone you'd like to invite--generalist or (for example) female who might like to *meet* generalists.

To: [illegible]
From: Ted Nelson <ted@xanadu.net>
Subject: Pulse Inv.(4) GENERALIST PARTY FOR NOT STRINGER, 3 Jan 1997
Cc:
Bcc:
Attached:

To:
Subject: GENERALIST PARTY FOR NOT STRINGER, 3 Jan 1997

Very sorry for this late invitation, but we weren't sure
this would come together.

We would like to invite you to a new kind of gathering
on Sunday the 3d of January. It is for generalists (and those
close to generalists, or who might like to be close to generalists).

IN NUMBER OF NOT STRINGER are special friend and one of the world's
greatest designers of interactive software.

Kathleen Shelley and Roger Gregory are kindly hosting us
use their home in the Presidio. (Flag at XXXXXXXXXXXX)

There goes to whenever, very informal dining at 7. You might
bring food or beverage for any, half a dozen.
Where in the Presidio, home of Roger Gregory and Kathleen Shelley
(map enclosed.)

Among the purposes is to meet each other and chat generally about
ways to and entangled subjects from diverse and unusual points of view. Our intent will be a dozen for
presentations and demos for whoever
wishes to present. (For instance, Ted will be demonstrating his new
Digital software, which does not fit well in any existing category.)

If you like, bring some-and-tell (not over two minutes), handouts,
business cards, etc.

Windows and VGA projection may be available.

Merry Christmas, happy New Year, and we hope you can come

Ted Nelson and Marlene Mallicoat
—> Note: Please don't pass this on freely, since the numbers are
fairly high, but let us know if there's someone you'd like to invite—
generalist or (for example) female who might like to "meet" generalists.

To: ted, mj
From: Ted Nelson <ted@xanadu.net>
Subject: glistinv.d3z) Draft for Generalist Inv.
Cc:
Bcc:
Attached:

Generalist Party for Roy Stringer,

To:
Subject: Invitation to Generalist Gathering on 3 January 1999

Hi.

Very sorry for the late invitations, but we weren't sure this could come together.

We would like to invite you to a new kind of gathering on Sunday the 3d of January. It is for generalists (and those close to generalists, or who might like to be close to generalists).

Time: 3pm to whenever; very informal dining at 7.
Where: in the Presidio, home of Roger Gregory and Kathleen Diohep. (Map enclosed.)

IN HONOR OF ROY STRINGER, our special guest, one of the world's greatest designers of interactive software, will be here

Kathleen Diohep & Roger Gregory are hosting, letting us use their home in the Presidio.

Mainly the purpose is to meet each other and chat severally about diverse and entangled subjects from diverse and entangled points of view. But there will be a chance for presentations and demos for whoever wants to present. (For instance, we'll be demonstrating Ted's new ZigZag software, which does not fit well in any existing category and is quite general indeed.)

If you like, bring show-and-tell (not over ten minutes pliz), handouts, business cards, etc.

Whiteboard and VGA projector will be available. Presentations may be intermittent or run continuously. (We plan to video the presentations, so if you're busy chatting you can review them later on the Web. If you present, that will be understood to include your permission to publish the video of it on the Web, though naturally you retain all other copyright.)

Merry Christmas, Happy New Year, and we hope you can come.

Ted Nelson and Marlene Mallicoat
Note: Please don't pass this on freely, since the numbers are getting quite high, but let us know if there's someone you'd like to invite-- generalist or (for example) female who might like to *meet* generalists.

To: ted, mj
From: Ted Nelson <ted@xanadu.com>
Subject: glorious day) Draft for Generalist Inc.
Cc:
Bcc:
Attached:

To:
Subject: Invitation to Generalist Gathering on 3 January 1999

Hi,

We would like to invite you to a new kind of gathering
on Sunday the 3d of January. It is for generalists (and those
close to generalists, or who might like to be close to generalists).

Time: 3pm to whenever; very informal during so far.
Where: in the Presidio, home of Roger Gregory and Kathleen Dinkey.
(Map enclosed.)

Mainly the purpose is to meet each other and chat accordingly about
diverse and unexpected subjects from diverse and unexpected points
of view. But there will be a chance for presentations and demos
for whoever wants to present. (For instance, we'll be demonstrating
Ted's new Digital software, which does not fit well in any existing
category and is quite general indeed.)

If you like, bring show-and-tell (not over ten minutes pls), handouts,
business cards, etc.

Whiteboard and VGA projector will be available. Presentations
may be internet cast or run continuously. (We plan to video
the presentations, so if you're busy chatting you can review them
later on the Web. If you prefer, that will be understood
to include your permission to publish the video of it on the Web,
though naturally you retain all other copyrights.)

Merry Christmas, Happy New Year, and we hope you can come.

Ted Nelson and Marlene Mallicoat
Note: Please don't pass this on freely, since the numbers are
getting quite high, but let us know if there's someone you'd
like to invite - generalist or (for example) female who might
like to "meet" generalists.

To: ted, mj
From: Ted Nelson <ted@xanadu.net>
Subject: glistinv.d3) Draft for Generalist Inv.
Cc: ted
Bcc:
Attached:

To:
Subject: Invitation to Generalist Gathering on 3 January 1999

Hi.

We would like to invite you to a new kind of gathering on Sunday the 3d of January. It is for generalists (and those close to generalists, or who might like to be close to generalists).

Time: 3pm to whenever; very informal dining at 7.
Where: in the Presidio, home of Roger Gregory and Kathleen Diohep. (Map enclosed.)

Mainly the purpose is to meet each other and chat severally about diverse and entangled subjects from diverse and entangled points of view. But there will be a chance for presentations and demos for whoever wants to present. (For instance, Ted will be demonstrating his new ZigZag software, which does not fit well in any existing category.)

If you like, bring show-and-tell (not over ten minutes), handouts, business cards, etc.

Whiteboard and VGA projector will be available. Presentations may be intermittent or run continuously. (We plan to video the presentations, so if you're busy chatting you can review them later on the Web. If you present, that will be understood to include your permission to publish the video of it on the Web, though naturally you retain all other copyright.)

Merry Christmas, Happy New Year, and we hope you can come.

Ted Nelson and Marlene Mallicoat
Note: Please don't pass this on freely, since the numbers are getting quite high, but let us know if there's someone you'd like to invite-- generalist or (for example) female who might like to *meet* generalists.

To: ted, mj
From: Ted Nelson <ted@xanadu.com>
Subject: gilding.d3) Work for Generalist Inv.
Cc: ted
Bcc:
Attached:

To:
Subject: Invitation to Generalist Gathering on 3 January 1997

Hi!

We would like to invite you to a new kind of gathering
on Sunday the 3d of January. It is for generalists (and those
close to generalists, or who might like to be close to generalists).

Time: 3pm to whenever; very informal dining at 7.
Where: in the Freedins, home of Roger Gregory and Kathleen Binding.
(Map enclosed.)

Mainly the purpose is to meet each other and chat sociably about
diverse and entangled subjects from diverse and entangled points of view. Fun shows will be a chance for presentations
and demos for whoever
wants to present. (For instance, Ted will be demonstrating his new
Tiglking software, which does not fit well in any existing category.)

If you like, bring show-and-tell (not over ten minutes), handouts,
business cards, etc.

Whiteboard and VHS projector will be available. Presentations
may be interwoven or run continuously. (We plan to video the presentations, so if you're busy chatting you can review
them
later on the Web. If you present, that will be understood
to include your permission to publish the video of it on the Web.
(Naturally you retain all other copyrights.)

Merry Christmas, Happy New Year, and we hope you can come.

Ted Nelson and Marlene Mallicoat
Note: Please don't pass this on freely, since the numbers are
getting quite high, but let us know if there's someone you'd
like to invite -- generalist or (for example) female who might
like to "meet" generalists.

To: ted, mj
From: Ted Nelson <ted@xanadu.net>
Subject: glistinv.d2) Draft for Generalist Inv.
Cc: ted
Bcc:
Attached:

To:
Subject: Invitation to Generalist Gathering on 3 January 1999

Hi.

We would like to invite you to a new kind of gathering on Sunday the 3d of January. It is for generalists (and those close to generalists, or who might like to be close to generalists). I also want to make this the founding event of the World Generalist Society.

Time: 3pm to 1; informal dining at 7. (Ted's feed-an-army specialty: Kielbasa/Chicken Avalanche and Unusual Rice.)
Where: in the Presidio, home of Roger Gregory and Kathleen Diohep. (Map enclosed.)

Mainly the purpose is to meet each other and chat severally, not in any big session, about diverse and entangled subjects from diverse and entangled points of view. But there will be a chance for presentations and demos for whoever wants to present.

If you like, bring show-and-tell (not over ten minutes), handouts, business cards, etc. (For instance, I'll be demonstrating my new ZigZag software, which does not fit well in any existing category.)

Whiteboard and video projector will be available. Presentations are expected to run continuously. (We plan to video the presentations, so if you're busy chatting you can review them later on the Web. Presenting will be understood to include your permission to publish on the Web, though naturally you retain all other copyright.)

Merry Christmas, Happy New Year, Whatever Kwanzaa, and we hope you can come.

Ted Nelson and Marlene Mallicoat
Note: Please don't pass this on freely, since the numbers are getting quite high, but let us know if there's someone you'd like to invite-- generalist or (for example) female who might like to *meet* generalists.

To: ted, mj
From: Ted Nelson <ted@xanadu.net>
Subject: gilattny.dl) Draft for Generalist Inv.
Cc: ted
Bcc:
Attached:

To:
Subject: Invitation to Generalist Gathering on 1 January 1999

Hi,

We would like to invite you to a new kind of gathering on Sunday the 3d of January. It is for generalists (and those close to generalists, people who might like to be close to generalists). I also want to make this an inviting event of the World Generalist Society.

Time: 3pm end; informal dining at 7. (Ted's need-an-array-specialist; Kathleen's known Avalonite and Innovest Alice.)
Where: in the Presidio, home of Roger Gregory and Kathleen Gilroy. (Map enclosed.)

Mainly the purpose is to meet each other and chat severally (not in any big session) about diverse and entangled subjects from diverse and entangled points of view. But there will be a chance for presentations and demos for whoever wants to present.

If you like, bring show-and-tell (not over ten minutes), hardware business cards, etc. (For instance, I'll be demonstrating my new Tilting software, which does not fit well in any existing category.)

Whiteboard and video projector will be available. Presentations are expected to run continuously. (The plan is video the presentations, so if you're busy chatting you can review them later on the Web. Presenting will be understood to include your permission to publish on the Web, though naturally you retain all other copyrights.)

Merry Christmas, Happy New Year, Whatever Season, and we hope you can come.

Ted Nelson and Andrew Malliaras
Note: Please don't pass this on freely, since the numbers are getting quite high, but let us know if there's someone you'd like to invite – generalist or (for example) female who might like to "meet" generalists.

To: ! ted
From: Ted Nelson <ted@xanadu.net>
Subject: glist d1) Draft for Generalist Inv.
Cc: ted
Bcc:
Attached:

To:
Subject: Generalist Gathering on 3 January 1999

Hi.

We would like to invite you to a new kind of gathering on Sunday the 3d of January. It is for generalists (and those close to generalists, or who might like to be close to generalists). I also want to make this a founding meeting of the World Generalist Society.

Time: 3pm to ?; informal dining at 7. (Ted's feed-an-army specialty: Kielbasa/Chicken Avalanche and Unusual Rice.)
Where: in the Presidio, home of Roger Gregory and Kathleen Diohep.

Mainly the purpose is to meet each other and chat severally, not in any big session, about diverse and entangled subjects from diverse and entangled points of view. But there will be a chance for presentations and demos for whoever wants to present.

If you like, bring show-and-tell (not over ten minutes), handouts, business cards, etc. (For instance, I'll be demonstrating my new ZigZag software, which does not fit well in any existing category.)

Whiteboard and video projector will be available. Presentations are expected to run continuously. (We plan to video the presentations, so if you're busy chatting you can review them later.)

Merry Christmas, and we hope you can come.

To: [redacted]
From: Ted Nelson <ted@xanadu.com>
Subject: plan #61: Dwell for Symposium fun
Cc: [redacted]
Bcc:
Attachments:

To: [redacted]
Subject: Generator Gathering on 1 January (1??)

Hi,

We would like to invite you to a new kind of gathering
on Sunday the 1st of January. It is for generalists (and those
close to generalists, or who might like to be close to generalists).
I also want to make this a founding meeting of the World
Generalists Society.

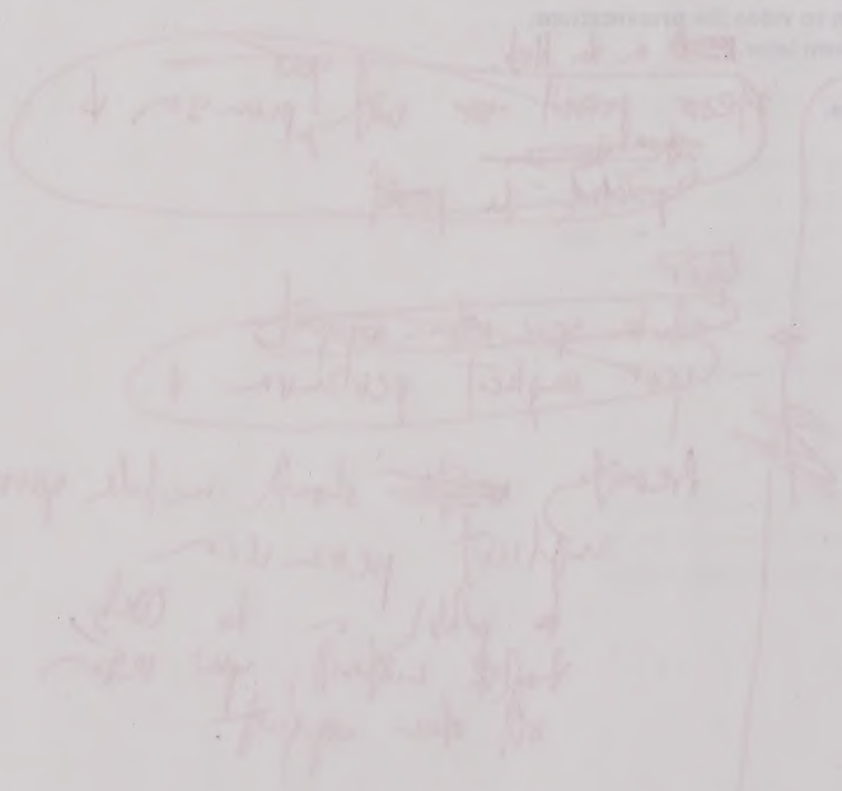
Time: 2pm to 5; informal dining at 7. (Pick's is a good nearby possibility.)
Kilkenny Hollow Evalumpto and Discount Kiva 3
Where is the Fractal, home of Roger Sweepy and Kathleen Dunlap.

Primary the purpose is to meet each other and chat generally, see
in any big sweep, about themes and unexpected intersects from
diverse and entangled points of view. This time will be a chance
for presentations and demos for whoever wants to present.

If you like, bring show-and-tell (just seven or eight minutes), fun facts,
business cards, etc. (For business, I'll be distributing my new
Digital calendar, which does not fit well in any existing taxonomy.)

Wintergreen and video projectors will be available. Presentations
may overlap and be run continuously. (We plan to video the presentations,
so if you're busy showing you can review them later.)

Hurry to Kiva, and we hope you can come.



Delivered-To: alias-xanadu-net-ted@xanadu.net
Date: Thu, 24 Dec 1998 00:14:41 -0500
From: Marlene Mallicoat <MarleneM@compuserve.com>
Subject: glistinv.d3) Draft for Generalist Inv.
Sender: Marlene Mallicoat <MarleneM@compuserve.com>
To: Ted Nelson <ted@xanadu.net>

DP

This draft seems fine. I would just like to add a request for RSVP (to me) and to change the line saying "map enclosed" to "directions at end of this email" (apparently Kathleen's directions also include a pointer to a Web map).

Please let me know if these two changes are OK -- I'll then get the emails out first thing tomorrow (or maybe some tonight).

L,MJW

G|1A3

Date: Wed, 30 Dec 1998 23:59:16 -0500
From: Marlene Mallicoat <MarleneM@compuserve.com>
Subject: DRAFT: Invitation to Sunday
Sender: Marlene Mallicoat <MarleneM@compuserve.com>
To: Ted Nelson <ted@sfc.keio.ac.jp>

DP

Subject: Gathering of Generalists

Text:

Our friend Roy Stringer, one of the great interactive designers, will be in town next week. We hope you'll come meet him. We'll be gathering from 2p on at Kathleen Diohep an Roger Gregory's home in the Presidio in San Francisco. (Directions at end of this email.)

If you have something particular to demo or discuss, please bring it!

Informal snacks will be served around 6pm -- bring your favorite if you feel like it.

Hope to see you on Sunday,
Ted and Marlene

Date: Wed, 30 Dec 1998 23:59:16 -0500
From: Marlene Mallicoat <Marlenem@computerve.com>
Subject: DRAFT: Invitation to Sunday
Sender: Marlene Mallicoat <Marlenem@computerve.com>
To: Ted Nelson <ted@sk.tsin.ac.jp>

Dr

Subject: Gathering of Gadfaders

Ted:

Our friend Roy Stranger, one of the great interactive designers, will be in town next week. We hope you'll come over too. We'll be gathering from 7p on at Kathleen Dinkelspiel on Roger Dingley's boat in the Presidio in San Francisco. (Directions at end of this email.)

If you have something particular to show or discuss, please bring it!

Informal snacks will be served around 8pm -- bring your favorite if you feel like it.

Hope to see you on Sunday.
Ted and Marlene

To: ted, mj
From: Ted Nelson <ted@xanadu.net>
Subject: glistinv.d2) Draft for Generalist Inv.
Cc: ted
Bcc:
Attached:

To:
Subject: Invitation to Generalist Gathering on 3 January 1999

Hi.

We would like to invite you to a new kind of gathering on Sunday the 3d of January. It is for generalists (and those close to generalists, or who might like to be close to generalists). I also want to make this the founding event of the World Generalist Society.

Time: 3pm to ?; informal dining at 7. (Ted's feed-an-army specialty: Kielbasa/Chicken Avalanche and Unusual Rice.)

nelsonLab
99.04.06 (d3

d4

To Ted Nelson Home Page

NELSON LAB at Keio SFC
Room E-401

Workshop Thursdays pm 4-6
Ted's office hours Thursdays pm 6-8

It all begins with this picture. This is how computer screens should look. (The picture shows a mockup I made in 1972.)

model

(Photograph from T.Nelson, "As We Will Think", Proceedings of Online 72 Conference, Brunel University, Uxbridge, England, 1972.)
See also "My Parallel Universe".

You should be able to make marginal notes and comments on the contents of any window, from another window. You should be able to publish a Web page that comments on another Web page.

like this

connected side by side to any other

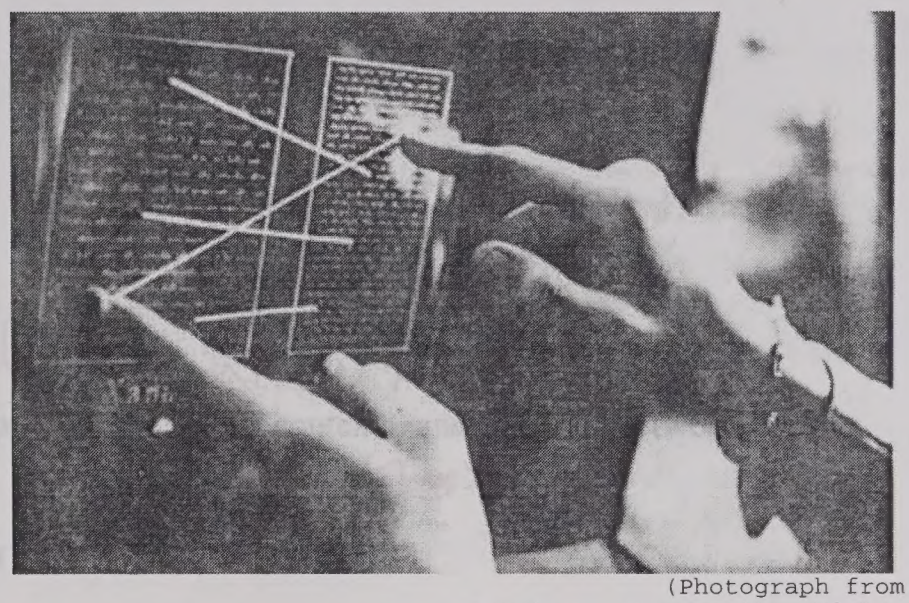
NELSON LAB at Keio SFC
Room E-401

Workshop Thursdays pm 4-6
Ted's office hours Thursdays pm 6-8

It all begins with this picture. This is how computer screens should look. (The picture shows a vocoding Dmade in 1972.)

See also "My Parallel Universe"

You should be able to make marginal notes and comments on the contents of any window, from another window. You should be able to publish a Web page that comments on another Web page.

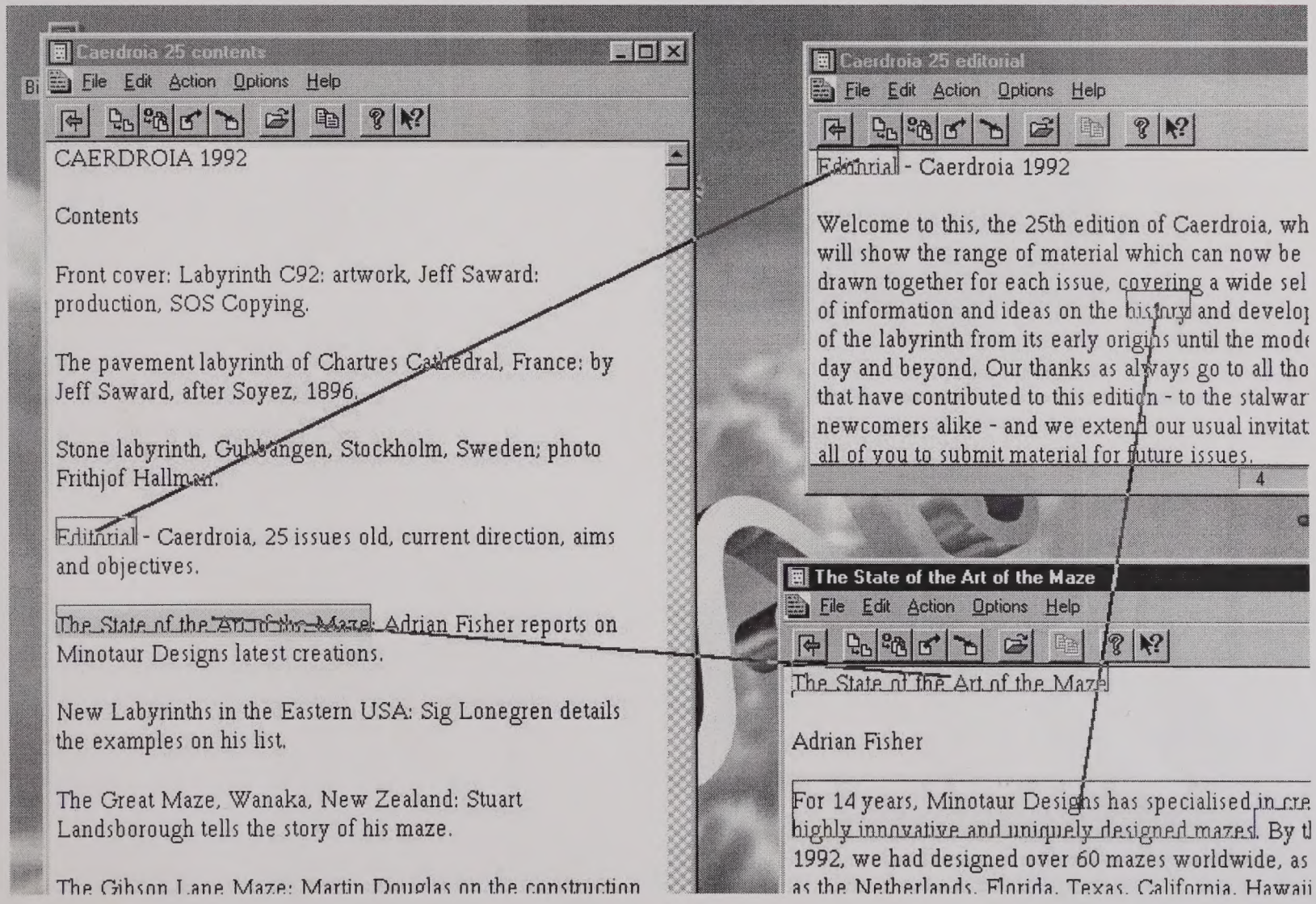


(Photograph from
T.Nelson, "As We Will Think",
Proceedings of Online 72 Conference,
Brunel University, Uxbridge, England, 1972.)
See also "My Parallel Universe".

parallel connection of electronic documents

This is what my work has always been about, but my work has been generally misunderstood for years. Anyway, we finally have a working demo (the following is a picture of it). I did this in collaboration with Ian Heath at the University of Southampton.

This was late..



the working demo (at which this is only a picture),

In the demo, you can move the windows or scroll their contents, and the lines between the contents stay in place.

We are working on a number of other deeply related concepts:

TRANSPUBLISHING
• OSMIC • LUSTR • ZIGZAG™
• PROJECT XANADU®

To Ted Nelson home page

[for scanned]

nelsonLab
99.04.05 (d1

d2

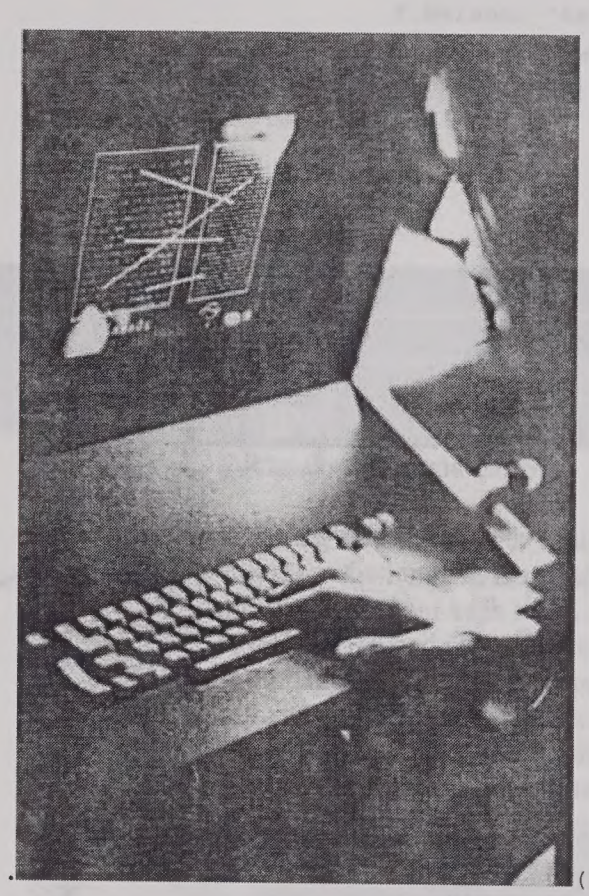
To Ted Nelson Home Page

NELSON LAB

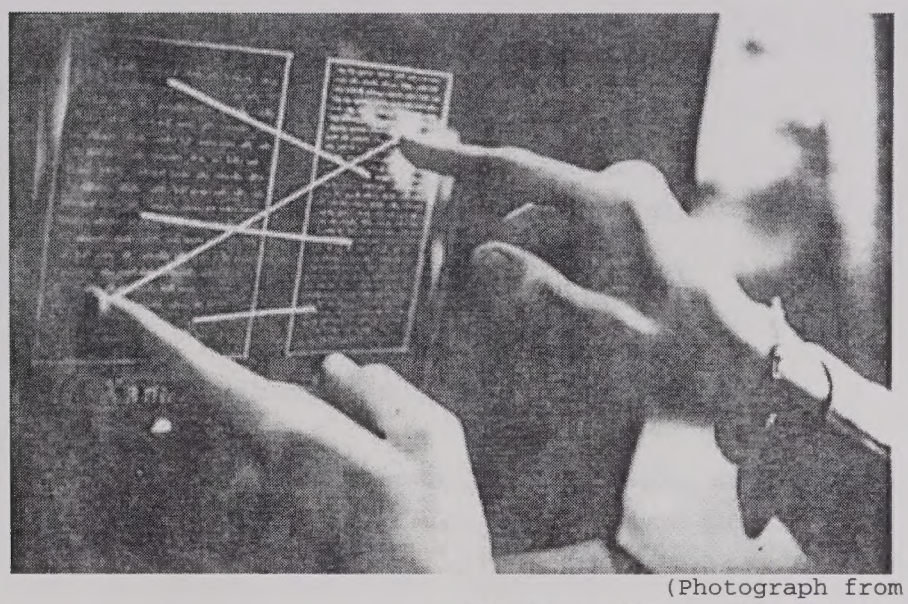
"You're trying to undermine the principle that everything is free on the Net."
Hardly. It's wonderful that people are giving away tons of free information. But there is a vast

TRANSPUBLISHING • OSMIC • LUSTR • ZIGZAG™ • PROJECT XANADU®

...
This is part of the work we are now doing at Keio University.

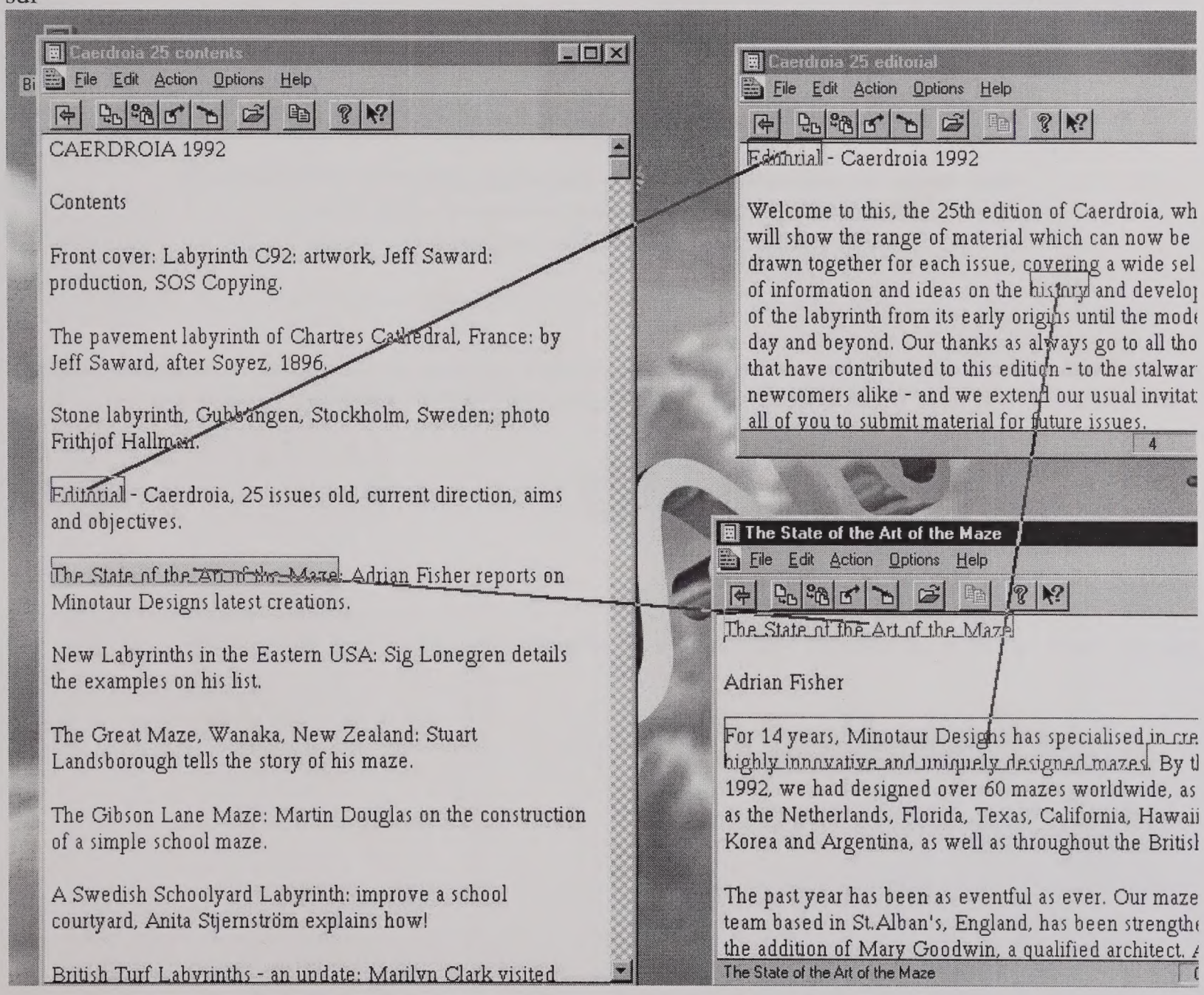


(Photograph from T.Nelson, "As We Will Think", Proceedings of Online 72 Conference, Brunel University, Uxbridge, England, 1972.)



(Photograph from
T.Nelson, "As We Will Think",
Proceedings of Online 72 Conference,
Brunel University, Uxbridge, England, 1972.)

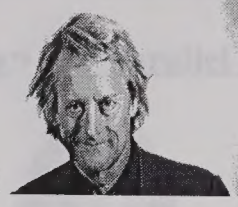
sdf



dfsd

http://www.sfc.keio.ac.jp/~ted/
99.03.29 (~~d32~~ d33

Who I Am• What I Do • What they Say • My Parallel Universe

Home Page of Ted Nelson 

Everyone else in the computer field appears to think alike.
My computer paradigm is very different. I've written a lot, but has anyone understood?

The above picture shows the use of Transpublishing, a proposed system
that could clear up many Internet copyright problems.
The above picture, for instance, may be used in other Web pages under specific conditions.
For the exact transcopyright permission, click on the transcopyright symbol just to the right of the picture.
And to understand why, read the transcopyright article.
Transpublishing is a system that allows material to be REPUBLISHED on a principled basis,
rather than trying to prevent re-use (the usual preoccupation of copyright holders).

e-mail: ted@xanadu.net.

I can't reply to everything, or answer questions that require long answers.
To find out what I think, see my writings.That's what they're for.

My CURRENT WORK:

TRANSPUBLISHING • OSMIC • LUSTR • ZIGZAG™ • PROJECT XANADU®

•

Actually, Ziff-Davis has an unsigned page very nicely summarizing my current work

and that page has a 2-part streaming video interview where I explain everything
(but I talk very very fast, which may be a challenge for non-English speakers).

Table of contents of my pages • For my students at Keio University • ***Things on the Web I'd like to share*** • And I want to share this wonderful logo-- three gears that can't possibly turn--

perfectly symbolizing today's awful computer world,
on which you can read my views hither
This is actually the logo of a real software package!
Hard to believe, isn't it?
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http://www.sfc.keio.ac.jp/~ted/
99.03.29 (d34z

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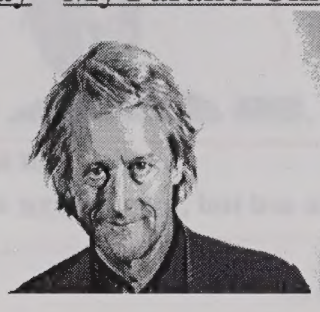
Who I Am• What I Do • What they Say • My Parallel Universe



Home Page of Ted Nelson

NELSON LAB at Keio SFC: Room E-401

Workshop Thursdays pm 4-6 • Ted's office hours Thursdays pm 6-8

The above picture shows the use of Transpublishing, a proposed system
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And to understand why, read the transcopyright article.
Transpublishing is a system that allows material to be REPUBLISHED on a principled basis,
rather than trying to prevent re-use (the usual preoccupation of copyright holders).

Temporary e-mail: ted@sfc.keio.ac.jp
(my regular email, ted@xanadu.net,
is unreachable for a few days
due to Internic problems).

I can't reply to everything, or answer questions that require long answers.
To find out what I think, see my writings. That's what they're for.

My CURRENT WORK:

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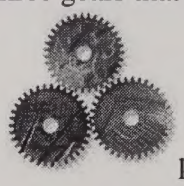

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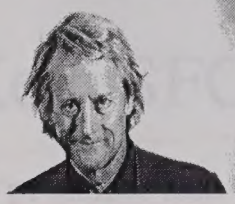
Who I Am• What I Do • What they Say • My Parallel Universe



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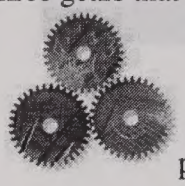

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Transcoding is a system that allows material to be IDENTIFIED as a transcopyrighted item, rather than trying to prevent people from copying it, thereby breaking backward compatibility.

My CURRENT WORK:

TRANSPUBLISHING • OSMIC • LISTR • ZIGZAG • PROJECT XANADU

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nelsonLab
99.04.06 (~~d2~~) 3dJ

To Ted Nelson Home Page

NELSON LAB at Keio SFC

Rm E-401

Workshop Thursday pm 4-6 Ted's [illegible]

"You're trying to undermine the principle that everything is free on the Net."
Hardly. It's wonderful that people are giving away tons of free information. But there is a vast

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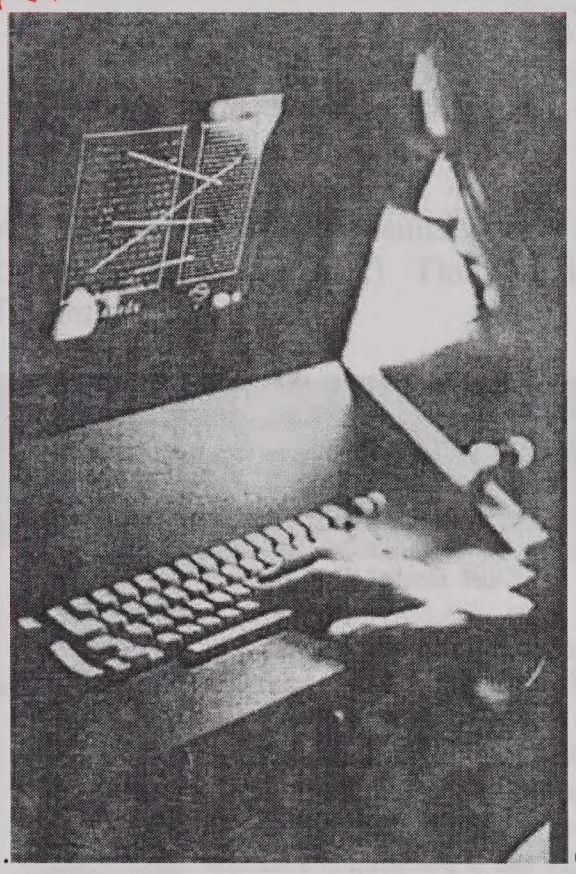
Thursday pm 6.8

It all begins with this picture. This is how computer screens should look.

~~[illegible]~~ + model to make in 1972.
(the picture slers



(Photograph from T.Nelson, "As We Will Think", Proceedings of Online 72 Conference, Brunel University, Uxbridge, England, 1972.)

You should be able to make marginal notes and comments on the contents of any window, from another window. You should be able to publish a Web page that comments on another Web page.

NELSON LAB at Keio SFC

"You're trying to understand the principle that everything is free on the Net."
Hardly... it's wonderful that people are giving away tons of free information. But there is a vast

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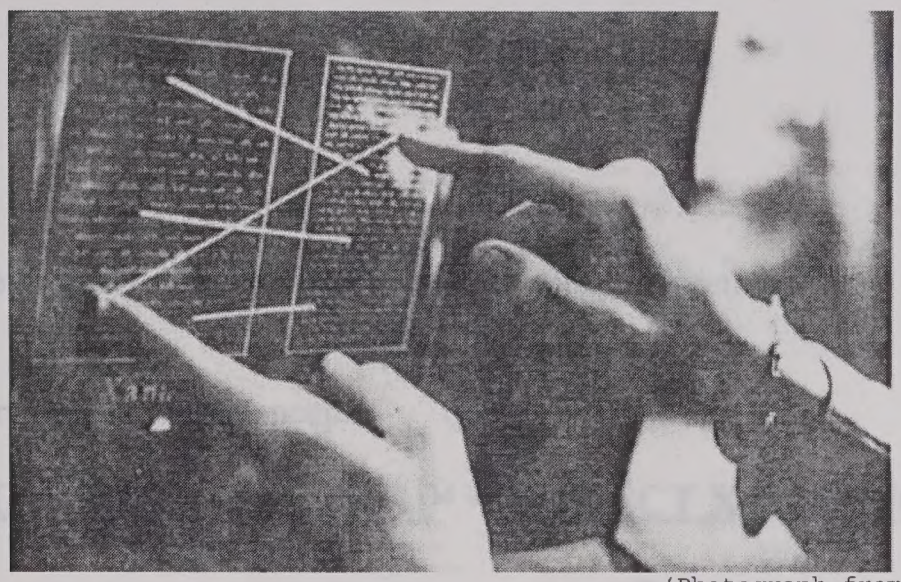

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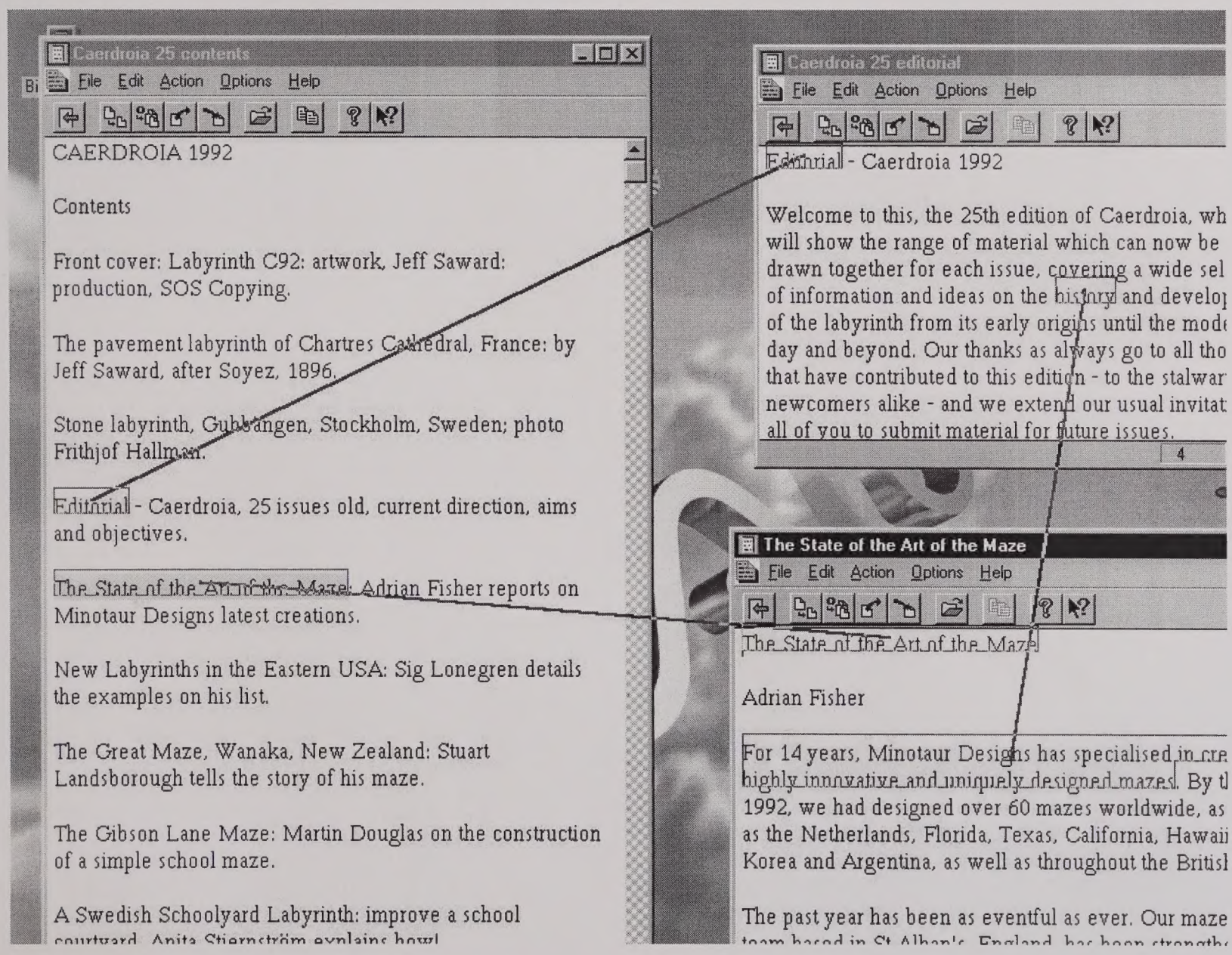

(photocopy from
F.Nelson, "As we kill trees",
proceedings of Online '91 Conference,
Brunel University, Uxbridge, England, 1991.)

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In the demo, you can move the windows or scroll their contents, and the lines between the contents stay in place.

We are working on a number of other deeply related concepts:

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To Ted Nelson home page